

### **APPENDIX 3: GEOMORPHOLOGY DATA**

## PARTICLE SIZE AND CHEMICAL DATA

Notes:

- Residual values of clay, indicative of the percent of illuvial clay, were calculated as the residual values of the following predictive equation: **%Clay = 34.629 – 0.357%Sand**, which was based on 50 samples that were not in Bt horizons that explained 84% of the variance. Positive residual give an estimate of the amount of clay that has been translocated into the Bt horizon.
- Residual values of phosphorus (ppm) were calculated as the residual values of the following predictive equation: **P(ppm) = 5.819 + 70.861%Carbon + 8.975%Clay**, which explained 75% of the variance in phosphorus concentrations.